

### **Listing of Claims:**

1. (Currently Amended) ~~An interface establishing~~ A device configured to establish an interface for transmitting data to and receiving data from a network (4), comprising:

a transceiver unit means (31, 33) ~~being~~ operable with variable transfer rates[[,]];

a detecting unit means (34) ~~for detecting~~ configured to detect a the load upon said network (4)[[,]]; and

a control unit means (32) ~~for adjusting~~ configured to adjust the transfer rate of said transceiver unit means (31, 33) in response to the detected load[[,]];

~~characterized in that~~

wherein said transceiver unit means ~~comprise~~ comprises a plurality of transceiver units means, and said control unit means (32) ~~is adapted~~ is configured to provide each of said plurality of transceiver units means (31, 33) with different priorities and to adjust a the transfer rate of a transceiver unit means (33) with a higher priority on a higher value than the transfer rate of a transceiver unit means (31) with a lower priority[[,]];

wherein said transceiver ~~means~~ units comprise a modem (31) for modulating and demodulating ~~of~~ non-speech data (TE\_M, IP\_M) and a codec (33) for encoding and decoding ~~of~~ speech data (TE\_C, IP\_C)[[,]]; and

wherein said control unit means (32) ~~is adapted~~ is configured to provide said codec (33) with a higher priority than the modem (33).

2. (Currently Amended) The ~~interface establishing device according to~~ of claim 1, ~~characterized in that wherein~~ said transceiver units means (31, 33) comprise a plurality of predetermined transfer rates and said control unit means (32) ~~is adapted~~ is configured to select one of said predetermined transfer rates in response to said detected load.

3. (Currently Amended) The ~~interface establishing device according to~~ of claim 1, ~~characterized in that wherein~~ said control unit means (32) ~~is adapted~~ is configured to send a test packet to a predetermined destination over said network (4), receive said test packet back from said predetermined destination and ~~analyse the~~ analyze delay that occurred ~~in order~~ to determine the load on said network.

4. (Currently Amended) ~~Method A method for transmitting data to and receiving data from a network (4), comprising: the steps of~~

detecting (S1) ~~the~~ a load on said a network (4)[[.]]; and

adjusting (S2, ~~53, 54~~) a transfer rate of a transceiver units means (31, 33)

in response to said detected load[[.]];

providing different priorities for each of a plurality of transceiver units;

and

adjusting a transfer rate of a transceiver unit with a higher priority with a

higher value than the transfer rate of the transceiver unit with a lower priority;

~~characterized in that~~

wherein said transceiver units means comprise a said plurality of

transceiver units means[[.]]; ~~and the method further comprising the steps of~~

~~providing different priorities for each of said plurality of transceiver means (31, 33) and adjusting a transfer rate of a transceiver means (33) with a higher priority on a higher value than the transfer rate of a transceiver means (31) with a lower priority[[,]]~~

wherein said transceiver unit ~~means~~ comprises a modem (31) for modulating and demodulating of non-speech data (TE\_M, IP\_M) and a codec (33) for encoding and decoding of speech data (TE\_C, IP\_C), and said codec (33) is provided with a higher priority than the modem (31).

5. (Currently Amended) The method ~~according to~~ of claim 4, ~~characterized in that in~~ further comprising the step of:

selecting, during said adjusting step, one of predetermined transfer rates in response to said detected load;

wherein said transceiver units ~~means (31, 33)~~ comprise a said plurality of predetermined transfer rates ~~and in said adjusting step (52, S3, S4) one of said predetermined transfer rates is selected in response to said detected load.~~

6. (Currently Amended) The method ~~according to~~ of claim 4, ~~characterized by~~ further comprising the steps of:

sending a test packet to a predetermined destination over said network (4);

receiving said test packet back from said predetermined destination; and

analyzing ~~analysing the delay that occurs~~ occurred in order to determine the load on said network.

7. (Currently Amended) The ~~interface establishing device according to~~ device of claim 2, ~~characterized in that wherein~~ said control unit means (32) ~~is adapted~~ is configured to send a test packet to a predetermined destination over said network (4), receive said test packet back from said predetermined destination and ~~analyse~~ analyze the delay that occurred ~~in order~~ to determine the load on said network.

8. (Currently Amended) The method ~~according to~~ of claim 5, ~~characterized by~~ further comprising the steps of:

- sending a test packet to a predetermined destination over said network (4);
- receiving said test packet back from said predetermined destination; and
- analyzing the delay that occurred ~~in order~~ to determine the load on said network.

9. (New) A device configured to establish an interface for transmitting data to and receiving data from a network, comprising:

- means for detecting a load on said network; and
- means for adjusting a transfer rate of a transceiver means in response to said detected load, wherein said transceiver means comprise a plurality of transceiver means;
- means for providing different priorities for each of said plurality of transceiver means and for adjusting a transfer rate of a transceiver means with a higher priority on a higher value than the transfer rate of the transceiver means with a lower priority;
- wherein said transceiver means comprises a modem for modulating and demodulating non-speech data and a codec for encoding and decoding speech data, and said codec is provided with a higher priority than the modem.